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DESCRIPTION

METHOD OF EXTRUDING LIGHT-METAL HOLLOW MEMBER, HOLLOW
EXTRUSION DIE, AND LIGHT-METAL HOLLOW MEMBER PREPARED BY

EXTRUSION

EdTola / This application is a 35 USC 371 of PCT/JP04/06601 filed 05/11/2004.

Technical Field

1-30-07

The present invention relates to manufacturing technology of hollow members (products) made of light-metal such as aluminum by extrusion processes. Specifically, the present invention relates to extrusion technology for preparing hollow members having a variety of cross-sectional shapes from light-metal solid materials.

Background Art

Conventional methods for manufacturing a hollow member made of light-metal such as an aluminum base alloy by hot extrusion are known, such as a method shown in FIG. 5. In this method, a light-metal material 1 molded into a solid billet is fed into a container 2 of an extruder under heating; a pressure is applied from the back (from the direction shown by an arrow A in the drawing) of the light-metal material 1 by a stem 3; and the light-metal material 1 is extruded from a die opening having a predetermined cross-sectional shape to the front (to the direction shown by an arrow B in the drawing) through a couple of hollow dies 4